TERRELL C. BIRCH RAYMOND C. STEWART LAMES M. SLATTERY NOTAEL K. MUTTER CHARLES GORENSTEIN

BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW 8110 GATEHOUSE ROAD **SUITE 100 EAST FALLS CHURCH, VA 22042-1248** USA

> (703) 205-8000 FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

OTHER OFFICES: CARLSBAD, CALIFORNIA COSTA MESA, CALIFORNIA LOS ANGELES, CALIFORNIA

Docket No.:

SENIOR COUNSEL JOSEPH A. KOLASCH

SCOTT L. LOWE
PAUL C. LEWIS
RICHARD J. GALLAGHER
MARYANNE ARMSTRONG, PH.D.
KECIA J. REYNOLDS
KALPANA REDDY
ESTHER H. CHONG
CATHERINE M. VOISINET*
EUGENE T. PEREZ
CAROLYN T. BAUMGARDNER*
MARTIN R. GEISSLER*
J. ALISON GRABELL*
T. BENJAMIN SCHROEDER, PH.D.
PERCY L. SQUARE
HYUNG N. SOHN
CLINT A. GERDINE CLINT A. GERDINE
CRAIG A. MCROBBIE
WILLIAM F. NIXON*
DANIEL K. DORSEY
MATTHEW T. SHANLEY

REG. PATENT AGENTS: FREDERICK R. HANDREN MAKI HATSUMI December 15, 2003 KRISTI L. RUPERT, PH.D. ROBERT W. GORNAN, PH.D. ROBERT W. GORNAN, PH.D. ROBERT W. DOWNS CHAD J. BILLINGS
CHRISTINE V. CASTILLO
CARL T. THOMSEN
JASON W. RHODES
SAM BHATTACHARYA
BRADLEY C. FACH

3352-0110P

CHARLES GORENSTEIN
GEORLD M. MURPHY, JR.
LEODARD R. SVENSSON
AND EVEN D. MEIKLE
MARC S. WEINER
JOE MCKINNEY MUNCY
ROBERT J. KENNEY
JOHN W. BAILEY
MARK J. NUELL, PH.D.
JAMES T. ELLER, JR.
D. RICHARD ANDERSON
THOMAS M. SMALL*
ROBERT A. SELDON*
JOHN A. SCILLIERI*
SANFORD ASTOR* OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
BERNARD L. SWEENEY*
ELLIOT A. GOLDBERG*
WILLIAM L. GATES*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)*
F. PRINCE BUTLER F. PRINCE BUTLER
FRED S. WHISENHUNT (RET.)
JAMES W. HELLWEGE
QUENTIN R. "RICK" CORRIE
ROBERT F. GNUSE
DAVID R. MURPHY ROBERT M. ASHEN* MICHAEL R. CAMMARATA

*ADMITTED TO A BAR OTHER THAN VA.

MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c), which claims priority under 35 U.S.C. § 119(e) of Provisional Application No(s). 60/519,639 filed on November 14, 2003.

Inventor(s): Sergey IOFFE

For: METHOD AND APPARATUS FOR OBJECT RECOGNITION USING

PROBABILITY MODELS

Enclosed are:

\boxtimes	A specification consisting of twenty-eight (28) pages
\boxtimes	Six (6) sheet(s) of formal drawings
	Applicant does not claim priority
	Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s). filed in on . Certified copy(ies) is(are) attached hereto. Certified copy(ies) will follow.
\boxtimes	Executed Declaration in accordance with 37 C.F.R. § 1.64 will

	Applicant claims small entity status under 37 C.F.R. § 1.27.						
	Preliminary Amendment						
	Application Data Sheet in accordance with 37 C.F.R. § 1.76						
	Information Disclosure Statement, PTO-1449 and reference(s)						
	Applicant requests early publication - \$300.00 publication fee						
	Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)						
	Other:						
\boxtimes	Provisional application filed in English: NO NO						
	If "NO," an English translation with a Statement of Accuracy: is attached hereto will follow.						

The filing fee has been calculated as shown below:

1110 1111	ing ree mab	Deell care	diaced as shown below:		
			LARGE ENTITY	SMALL ENTITY	
BASIC		FEE	\$770.00	\$385.00	
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE	
TOTAL CLAIMS	32-20=	12	x 18 = \$216.00	x 9= \$0.00	
INDEPENDENT CLAIMS	2-3=	0	x 86 = \$0.00	x43= \$0.00	
MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$290.00	+ \$145.00	
		TOTAL	\$986.00	\$0.00	

- The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- $oxed{\boxtimes}$ A check in the amount of \$986.00 to cover the filing fee is enclosed.

- Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- □ Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

IRCH, STEWART, KOLASCH & BIRCH, LLP

D. Richard Anderson, #40,439

P.O. Box 747
Falls Church, VA 22040-0747

(703) 205-8000

DRA/jdm 3352-0110P

Attachment(s)

(Rev. 10/27/03)